## Sanitized - Approved For Release : CIA-RDP33-02415A000100320002-2

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30 January 1959

Memorai Subject		FOR THE RECORD	25X1A2g <b>J-7</b> 5	
1. 28 Janu	The	25X1A9a  e undersigned  1959 to discuss feedbildes	25X1A2g visited visited (Navy)	
	VI	25X1A9a undersigned	25X1A2g  met with representatives, discussed the following subjects:	
	Α.	Conversion of the J-57-31: permit higher operating te altitude was not considere	Conversion of the J-57 to emperatures to attain additional since the J-75-P2 promised not be achieved by converting	
	в.	The J-75-P2 (Non-afterburner type) is presently under production contract by the Navy to power the "Skymaster." The Skymaster program has been cutback by the Navy which should make sufficient engines available for test purposes.		
25X1A9a	c.	All concerned agreed that to make availab	le two engines to the for	
25X1A9a		from the Navy which will be diverted from production.  25X1A20		
25X1A9a	D.	order that Kelly Johnson ca	engines notify irlift of one to Burbank in an start fitting. The second and be converted as fitting 25X1A2g	
3.	Prob	olems:		

- A. Mounting: The J-75 will probably have to be changed from top to side mounting because of top clearance which will require structural changes in the "Bird."
- B. Additional Weight: Approximately 1,250 pounds will be added from engine alone not counting structural changes that will add weight which will reduce range.

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- C. Minimum Flow: The Min. Flow will have to be increased to 650 pounds, to achieve an altitude increase. This could present problems in landing because idle position 25X1A9a would produce approximately 50-60%. Stated that this problem could be overcome by minor rework of the fuel control through testing.
- D. Range: Due to increased consumption and additional weight the range will decrease to a presently unknown factor, but by using slipper tanks it was assumed that the present flight profile of a non-slippered "Bird" could be attained.

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- E. Altitude Gain: would not hazard a gestimate without more facts but conservative estimates indicated an approximate gain of 2,500 feet.

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F. Two additional personnel will require CHALICE clearance to permit entry at Lockheed and to assist in installation and testing. PHS of the two individuals have been given to security for post-haste processing. It is recommended that these clearances be processed as rapidly as possible due to the fact that one of the individuals will accompany the first engine to Lockheed which could be within a few days after Navy O.K.'s the loan.

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4. Summary: Application of the J-75-P2 in the "Bird" is most promising in respect to altitude gain. This writer is of the opinion that greater gains will be possible based on prior performance of Therefore, it is recommended that this program be pursued "post-haste" to accomplish necessary testing.



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